Author Index of Volume 183

Aguiari, A., 81
Ahmet, M. T., 43
Al-Jaff, G., 43
Amini, M. K., 65
Aslanidis, P., 207
Aubry, A., 207

Bajaj, H. C., 1
Bandini, A. L., 51
Banditelli, G., 51
Battaglia, L. P., 221
Belsky, V. K., 57, 189
Blundell, N. J., 1
Bonamartini Corradi, A., 221
Braterman, P. S., 131
Brewer, T. R., 113
Bruni, S., 221
Bulychev, B. M., 189
Burgess, J., 1

Cariati, F., 221
Casellato, U., 81
Chen Ya-guang, 157
Chew-Hee Ng, 25
Cinellu, M. A., 51
Clegg, W., 179
Colton, R., 161
Constable, E. C., 21
Creighton, J. R., 179

de Bolster, M. W. G., 119
Dobson, C. B., 31
Dobson, G. R., 31

Fanning, J. C., 127

Guerriero, P., 81

Hiroshige, Y., 173
Horn, E., 25
Hubbard, C. D., 1
Hulsbergen, F. B., 203

Ichimura, K., 9
Ide, Y., 195
Iitaka, Y., 97

Johnson, D. W., 113
Juriga, G., 39

Kanatomi, H., 107
Karagianidis, P., 207
Kawato, T., 107
Keil, R. G., 113
Kireeva, O. K., 189
Klinger, U., 133
Konovalov, V. E., 57
Koseki, K., 9
Koyama, H., 107
Kranenburg, R. A. C., 119
Kuehner, K., 113
Kukushkin, V. Yu., 57

Lagowski, J. J., 91

Martell, A. E., 71
Matsubayashi, G., 173
McGuire, M. E., 39
McKenna, A. G., 127
Minghetti, G., 51
Miyashita, M., 15
Moiseev, A. I., 57
Motekaitis, R. J., 71
Muramoto, Y., 107

Newman, P. D., 145

O'Brien, J. F., 113
Ogura, H., 97
Ohno, O., 9

Palenik, G. J., 217
Papastefanou, S., 207
Paul, P., 229
Peng Jun, 157
Pennington, W. T., 127
Pozzi, A., 221
Purohit, S., 229

Qu Lun-yu, 157

Raithby, P. R., 21
Raper, E. S., 179
Ravindran, M., 167
Reedijk, J., 203

Sakabe, Y., 97
Sakaguchi, H., 97
Sakuragi, M., 9
Sasaki, Y., 15
Sattgast, M., 39
Scandola, M., 51
Schram, E. P., 213
Seymour, C. M., 91
Shamsipur, M., 65
Shifrina, R. R., 57
Silver, J., 43
Singer, H., 133
Skoulika, S., 207
Sokolova, T. A., 189
Sommerer, S., 217
Song, J.-I., 131
Soon-Beng Teo, 25
Ssekaalo, H., 91
Stephens, F. S., 145
Streltsova, N. R., 189
Sudha, N., 213

Takayanagi, H., 97
Takehara, K., 195
Tamburini, S., 81
Taqui Khan, M. M., 229
Tedesco, V., 161
Tiekink, E. R. T., 25
Traldi, P., 51
Trofimenko, S., 203

Vagg, R. S., 145
van Eldik, R., 1
Venkatasubramanian, K., 229
Vigato, P. A., 81
Vlasova, R. A., 57

Wang, I-H., 31
Wendt, J., 133
Wermer, P. H., 31
Willey, G. R., 167
Williams, P. A., 145
Wilson, M. T., 43

Yamaoka, T., 9
Yasuike, M., 9

Elsevier Sequoia/Printed in Switzerland

Subject Index of Volume 183

Alkali metal compounds
  investigation of alkali metal–water interactions in acetonitrile, 113
Alkyl complexes
  model compounds for co-enzyme B_{12}; effect of pressure and solvent composition on Co–alkyl bond dissociation reaction, 119
  preparation and characterization of tetraneopentyl tetraaluminum(4), 213
Aluminum complexes
  preparation and characterization of tetraneopentyl tetraaluminum(4), 213
Amino acid complexes
  circular dichroism spectrophotometric study of $[Mo_2(\mu\text{-}O)_2(O)_2(R\text{-cysteinato})_2]^{2-}$ in aqueous micellar solutions, 15
Antimonium complexes
  reactions of Sb(V) chloride with crown ethers; formation of hydronium ion–crown ether antimon(V)ate salts, 167
Arene complexes
  ^{19}F nuclear magnetic resonance studies of mixed bis(η^6-arene)Cr(0) complexes, 91
Aryl complexes
  dependence of reduction site on nature of ligand in Pt(II) square planar complexes, 131

Bidentate ligand complexes
  dependence of reduction site on nature of ligand in Pt(II) square planar complexes, 131
  multinuclear (^{31}P, ^{77}Se, ^{195}Pt) magnetic resonance studies on interaction of Pt bis(n-propylxanthate) with potentially bidentate ligands, 161
  oxidation of benzenediols by Fe(III) tetracyano bipyridyl ion; high pressure stopped-flow kinetics study, 1
  separation and crystal structures of geometric isomers of *cis*-$(-)_{589}$-dicyanobis(*d*-propylenediamine)Cr(III) chloride, 97
  synthesis and characterization of $[(bpy)_2Ru^{II}(1,3\text{-}Me_2Lumazine)](PF_6)_2$, 39
Cadmium complexes
  synthesis and spectroscopic properties of halocadmates(II); crystal and molecular structure of new tribromo[*N*-benzylpiperazinium]Cd(II) compound, 221
Carbonyl complexes
  'directed' synthesis of W carbonyl complexes of alkenyldiphenylphosphines, 31
Catalysis
  oligomerisation of phenylacetylenes with Rh(I) and P ligands as catalytic system, 133
Chelate complexes
  crystal and molecular structure of bis(2-pyridinethiolato)(bicyclo[2.2.1]hepta-1,4-diene)Ru(II), 21
  dependence of reduction site on nature of ligand in Pt(II) square planar complexes, 131
  oxidation of benzenediols by Fe(III) tetracyano bipyridyl ion; high pressure stopped-flow kinetics study, 1
  separation and crystal structures of geometric isomers of *cis*-$(-)_{589}$-dicyanobis(*d*-propylenediamine)Cr(III) chloride, 97
  stabilities of Fe(III) chelates of 1,2-dimethyl-3-hydroxy-4-pyridinone and related ligands, 71
  synthesis and characterization of $[(bpy)_2Ru^{II}(1,3\text{-}Me_2Lumazine)](PF_6)_2$, 39
  synthesis and characterization of dinuclear Cu(I) complexes with two bimetallic hexadentate ligands having N_2P_4 donor sites; crystal structure of $[Cu_2(BDPE)Cl_2]\cdot 2DMF$, 229
  synthesis and structural studies of some metal(II) complexes of 5-methyloxazolidine-4-carboxylic acid, 25
Chelate ligand complexes
  preparations and spectroscopic properties of $Pt(C_3Se_5)(N_2\text{-chelate})$ and its oxidized complexes, 173
Chiral complexes
  coordination stereoselectivity in ternary Co(III) complexes of dipeptides and optically active triamine, 145
Chromium complexes
  ^{19}F nuclear magnetic resonance studies of mixed bis(η^6-arene)Cr(0) complexes, 91
  separation and crystal structures of geometric isomers of *cis*-$(-)_{589}$-dicyanobis(*d*-propylenediamine)Cr(III) chloride, 97
  structure of *trans*-$[\{Cr(en)_2ONO\}_2(H_3O_2)](ClO_4)_3$, Cr(III) nitrito complex with $H_3O_2^-$ bridging group, 127
Circular dichroism
  circular dichroism spectrophotometric study of $[Mo_2(\mu\text{-}O)(O)_2(R\text{-cysteinato})_2]^{2-}$ in aqueous micellar solutions, 15
Cobalt complexes
  coordination stereoselectivity in ternary Co(III) complexes of dipeptides and optically active triamine, 145
  model compounds for co-enzyme B_{12}; effect of pressure and solvent composition on Co–alkyl bond dissociation reaction, 119
  spectroscopic and magnetic properties of square-planar bis[(cyclooctane-1,5-diyl)bis(pyrazol-1-yl)borato]Cu(II), 203
Co-enzyme B_{12} complexes
  model compounds for co-enzyme B_{12}; effect of pressure and solvent composition on Co–alkyl bond dissociation reaction, 119
Copper complexes
  complexation of metal salts with macrocyclic polyethers in aprotic organic solvents; crystal structures of ionic complexes [CuCl·15-C-5·

Elsevier Sequoia/Printed in Switzerland

$CH_3CN]_2[Cu_2Cl_6]$ and $\{[Cu \cdot 15\text{-}C\text{-}5 \cdot (CH_3CN)_2]\text{-}[Cu_3Cl_8]\}_n$, 189
electrochemistry of Cu(II)–peptide complexes containing histidine residues, 195
new Cu(I) chloride complexes with heterocyclic thiones and triphenylphosphine as ligands; crystal structures of $[Cu(PPh_3)_2(bzimtH_2)Cl] \cdot CH_3COCH_3$ and $[Cu(PPh_3)_2(nbzimtH_2)Cl]$, 207
synthesis and characterization of dinuclear Cu(I) complexes with two bimetallic hexadentate ligands having N_2P_4 donor sites; crystal structure of $[Cu_2(BDPE)Cl_2] \cdot 2DMF$, 229
tetrahedro-[tetrakis{(1-methylimidazoline-2(3*H*)-thionato)Cu(I)}]; electrochemical synthesis, thermal analysis, cyclic voltammetry and crystal structure, 179
trinuclear complexation of 2,6-bis(acetylacetoxymethyl)pyridine with Pd(II) and Cu(II) ions, 107

Crown ether complexes
complex formation of Ag, Tl and alkali cations with dibenzo-30-crown-10 in some non-aqueous solutions, 65
reactions of Sb(V) chloride with crown ethers; formation of hydronium ion–crown ether antimon(V)ate salts, 167

Crystal structure(s)
of bis(2-pyridinethiolato)(bicyclo[2.2.1]hepta-1,4-diene)Ru(II), 21
of *trans*-$\{[Cr(en)_2ONO]_2(H_3O_2)\}(ClO_4)_3$, 127
of $[Cu_2(BDPE)Cl_2] \cdot 2DMF$, 229
of $[CuCl \cdot 15\text{-}C\text{-}5 \cdot CH_3CN]_2[Cu_2Cl_6]$ and $\{[Cu \cdot 15\text{-}C\text{-}5 \cdot (CH_3CN)_2][Cu_3Cl_8]\}_n$, 189
of $[Cu(PPh_3)_2(bzimtH_2)Cl] \cdot CH_3COCH_3$ and $[Cu(PPh_3)_2(nbzimtH_2)Cl]$, 207
of dichloro[2,6-diacetylpyridinebis(semicarbazone)]Sn(IV) dichloride dihydrate, 217
of di-μ-chloro-dichlorobis(diethylsulfoxide)-diplatinum(II), 57
of *cis*-$(-)_{589}$-dicyanobis(*d*-propylenediamine)Cr(III) chloride, 97
of metal(II) complexes of 5-methyloxazolidine-4-carboxylic acid, 25
mononuclear and polynuclear complexes containing f ions, 81
of ternary Co(III) complexes of dipeptides and optically active triamine, 145
of *tetrahedro*-[tetrakis{(1-methylimidazoline-2(3*H*)-thionato)Cu(I)}], 179
of tribromo[*N*-benzylpiperazinium]Cd(II), 221

Cyanide complexes
oxidation of benzenediols by Fe(III) tetracyano bipyridyl ion; high pressure stopped-flow kinetics study, 1

Electrochemistry
of Cu(II)–peptide complexes containing histidine residues, 195
dependence of reduction site on nature of ligand in Pt(II) square planar complexes, 131
synthesis and characterization of $[(bpy)_2Ru^{II}(1,3\text{-}Me_2Lumazine)](PF_6)_2$, 39
tetrahedro-[tetrakis{(1-methylimidazoline-2(3*H*)-thionato)Cu(I)}]; electrochemical synthesis, thermal analysis, cyclic voltammetry and crystal structure, 179

Fluorescence
oxidative fluorescence quenching of *meso*-diphenyltetrabenzoporphyrins with onium salts, 9

Gold complexes
FAB mass spectrometry of Au(I) complexes with 1,4-benzodiazepin-2-ones, 51

Halide complexes
syntheses and spectroscopic properties of halocadmates(II); crystal and molecular structure of new tribromo[*N*-benzylpiperazinium]Cd(II) compound, 221

Heterocyclic ligand complexes
FAB mass spectrometry of Au(I) complexes with 1,4-benzodiazepin-2-ones, 51
new Cu(I) chloride complexes with heterocyclic thiones and triphenylphosphine as ligands; crystal structures of $[Cu(PPh_3)_2(bzimtH_2)Cl] \cdot CH_3COCH_3$ and $[Cu(PPh_3)_2(nbzimtH_2)Cl]$, 207
tetrahedro-[tetrakis{(1-methylimidazoline-2(3*H*)-thionato)Cu(II)}]; electrochemical synthesis, thermal analysis, cyclic voltammetry and crystal structure, 179

Hydrogenation
oligomerisation of phenylacetylenes with Rh(I) and P ligands as catalytic system, 133

Iron complexes
binding of nitrogenous bases to protoporphyrin IX Fe(II) in aqueous solution at high pH values; aliphatic nitrogen ligands, 43
oxidation of benzenediols by Fe(III) tetracyano bipyridyl ion; high pressure stopped-flow kinetics study, 1
stabilities of Fe(III) chelates of 1,2-dimethyl-3-hydroxy-4-pyridinone and related ligands, 71

Kinetics and mechanism
complex formation of Ag, Tl and alkali cations with dibenzo-30-crown-10 in some non-aqueous solutions, 65
investigation of alkali metal–water interactions in acetonitrile, 113
oxidation of benzenediols by Fe(III) tetracyano bipyridyl ion; high pressure stopped-flow kinetics study, 1
stabilities of Fe(III) chelates of 1,2-dimethyl-3-hydroxy-4-pyridinone and related ligands, 71

Macrocyclic ligand complexes
complexation of metal salts with macrocyclic polyethers in aprotic organic solvents; crystal structures of ionic complexes $[CuCl \cdot 15\text{-}C\text{-}5 \cdot CH_3CN]_2\text{-}[Cu_2Cl_6]$ and $\{[Cu \cdot 15\text{-}C\text{-}5 \cdot (CH_3CN)_2][Cu_3Cl_8]\}_n$, 189

Magnesium complexes
oxidative fluorescence quenching of *meso*-diphenyltetrabenzoporphyrins with onium salts, 9

Magnetism
spectroscopic and magnetic properties of square-planar bis[(cyclooctane-1,5-diyl)bis(pyrazol-1-yl)borato]Cu(II), 203
Mass spectrometry
FAB mass spectrometry of Au(I) complexes with 1,4-benzodiazepin-2-ones, 51
Metal complexes
complex formation of Ag, Tl and alkali cations with dibenzo-30-crown-10 in some non-aqueous solutions, 65
synthesis and structural studies of some metal(II) complexes of 5-methyloxazolidine-4-carboxylic acid, 25
Molybdenum complexes
circular dichroism spectrophotometric study of $[Mo_2(\mu\text{-}O)_2(O)_2(R\text{-cysteinato})_2]^{2-}$ in aqueous micellar solutions, 15

Nitrito complexes
structure of *trans*-$\{[Cr(en)_2ONO]_2(H_3O_2)\}(ClO_4)_3$, Cr(III) nitrito complex with $H_3O_2^-$ bridging group, 127
NMR study
multinuclear (^{31}P, ^{77}Se, ^{195}Pt) magnetic resonance studies on interaction of Pt bis(n-propylxanthate) with potentially bidentate ligands, 161

Optical complexes
separation and crystal structures of geometric isomers of *cis*-$(-)_{589}$-dicyanobis(*d*-propylenediamine)Cr(III) chloride, 97
Oxidation
of benzenediols by Fe(III) tetracyano bipyridyl ion; high pressure stopped-flow kinetics study, 1
Oxo complexes
circular dichroism spectrophtometric study of $[Mo_2(\mu\text{-}O)_2(O)_2(R\text{-cysteinato})_2]^{2-}$ in aqueous micellar solutions, 15

Palladium complexes
trinuclear complexation of 2,6-bis(acetylacetoxymethyl)pyridine with Pd(II) and Cu(II) ions, 107
Peptide complexes
coordination stereoselectivity in ternary Co(III) complexes of dipeptides and optically active triamine, 145
electrochemistry of Cu(II)–peptide complexes containing histidine residues, 195
Phosphine complexes
'directed' synthesis of W carbonyl complexes of alkenyldiphenylphosphines, 31
Phosphorus ligand complexes
oligomerisation of phenylacetylenes with Rh(I) and P ligands as catalytic system, 133
Platinum complexes
dependence of reduction site on nature of ligand in Pt(II) square planar complexes, 131
multinuclear (^{31}P, ^{77}Se, ^{195}Pt) magnetic resonance studies on interaction of Pt bis(n-propylxanthate) with potentially bidentate ligands, 161
preparations and spectroscopic properties of $Pt(C_3Se_5)(N_2\text{-chelate})$ and its oxidized complexes, 173
synthesis of halogen-bridged complexes $[Pt(R_2SO)(\mu\text{-}X)X]_2$ by thermolysis of *cis*-$[Pt(R_2SO)(R'CN)X_2]$; X-ray structure of di-μ-chloro-dichlorobis(diethyl sulfoxide)diplatinum(II), 57
Polyanion complexes
preparation and characterization of α- and β-trichromicononatungstosilicate isomers, 157
Polydentate ligand complexes
crystal and molecular structure of bis(2-pyridinethiolato)(bicyclo[2.2.1]hepta-1,4-diene)Ru(II), 21
isolation and structural characterization of dichloro-[2,6-diacetylpyridinebis(semicarbazone)Sn(IV) dichloride dihydrate, 217
spectroscopic and magnetic properties of square-planar bis[(cyclooctane-1,5-diyl)bis(pyrazol-1-yl)borato]Cu(II), 203
stabilities of Fe(III) chelates of 1,2-dimethyl-3-hydroxy-4-pyridinone and related ligands, 71
synthesis and characterization of dinuclear Cu(I) complexes with two bimetallic hexadentate ligands having N_2P_4 donor sites; crystal structure of $[Cu_2(BDPE)Cl_2]\cdot 2DMF$, 229
trinuclear complexation of 2,6-bis(acetylacetoxymethyl)pyridine with Pd(II) and Cu(II) ions, 107
Polynuclear complexes
mononuclear and polynuclear complexes containing f ions, 81
trinuclear complexation of 2,6-bis(acetylacetoxymethyl)pyridine with Pd(II) and Cu(II) ions, 107
Porphyrin complexes
binding of nitrogenous bases to protoporphyrin IX Fe(II) in aqueous solution at high pH values; aliphatic nitrogen ligands, 43
oxidative fluorescence quenching of *meso*-diphenyltetrabenzoporphyrins with onium salts, 9

Rhodium complexes
oligomerisation of phenylacetylenes with Rh(I) and P ligands as catalytic system, 133
Ruthenium complexes
crystal and molecular structure of bis(2-pyridinethiolato)(bicyclo[2.2.1]hepta-1,4-diene)Ru(II), 21
synthesis and characterization of $[(bpy)_2Ru^{II}(1,3\text{-}Me_2Lumazine)](PF_6)_2$, 39

Schiff base complexes
mononuclear and polynuclear complexes containing f ions, 81
Selenide complexes
preparations and spectroscopic properties of $Pt(C_3Se_5)(N_2\text{-chelate})$ and its oxidized complexes, 173
Silicon complexes
preparation and characterization of α- and β-trichromicononatungstosilicate isomers, 157
Sulfoxide complexes
synthesis of halogen-bridged complexes $[Pt(R_2SO)(\mu\text{-}X)X]_2$ by thermolysis of *cis*-$[Pt(R_2SO)(R'CN)X_2]$; X-ray structure of di-μ-chloro-dichlorobis(diethyl sulfoxide)diplatinum(II), 57

Tin complexes
isolation and structural characterization of dichloro-[2,6-diacetylpyridinebis(semicarbazone)]Sn(IV) dichloride dihydrate, 217
Tungsten complexes
'directed' synthesis of W carbonyl complexes of alkenyldiphenylphosphines, 31
preparation and characterization of α- and β-trichromicononatungstosilicate isomers, 157

Uranium complexes
mononuclear and polynuclear complexes containing f ions, 81

Uranyl complexes
mononuclear and polynuclear complexes containing f ions, 81

Water compounds
investigation of alkali metal–water interactions in acetonitrile, 113

Xanthate complexes
multinuclear (^{31}P, ^{77}Se, ^{195}Pt) magnetic resonance studies on interaction of Pt bis(n-propylxanthate) with potentially bidentate ligands, 161

Zinc complexes
oxidative fluorescence quenching of *meso*-diphenyltetrabenzoporphyrins with onium salts, 9